

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/013076

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/513 A61K31/5025 A61K31/44 A61P25/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/130334 A1 (MULLER NORBERT [DE]) 10 July 2003 (2003-07-10) the whole document	1,4-33
X	WO 02/096885 A (GLAXO GROUP LIMITED; NAYLOR, ALAN; PAYNE, JEREMY, JOHN; PEGG, NEIL, AN) 5 December 2002 (2002-12-05) cited in the application the whole document	1,4-33

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

25 February 2005

Date of mailing of the international search report

10 2 02 2005

Name and mailing address of the ISA

European Patent Office, P.O. 5818 Patenlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Skjöldebrand, C

INTERNATIONAL SEARCH REPORT

International Application No.

PC P2004/013076

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	RIEDEL M ET AL: "Rational and efficacy of COX-2-inhibitors as adjunctive therapy in schizophrenia." EUROPEAN NEUROPSYCHOPHARMACOLOGY, vol. 13, no. Supplement 4, September 2003 (2003-09), page S96, XP001205337 & 16TH CONGRESS OF THE EUROPEAN COLLEGE OF NEUROPSYCHOPHARMACOLOGY; PRAGUE, CZECH REPUBLIC; SEPTEMBER 20-24, 2003 ISSN: 0924-977X abstract	1,4-33
Y	MUELLER N ET AL: "BENEFICIAL ANTIPSYCHOTIC EFFECTS OF CELECOXIB ADD-ON THERAPY COMPARED TO RISPERIDONE ALONE IN SCHIZOPHRENIA" AMERICAN JOURNAL OF PSYCHIATRY, AMERICAN PSYCHIATRIC ASSOCIATION, WASHINGTON, DC, US, vol. 159, no. 6, June 2002 (2002-06), pages 1029-1034, XP008015002 ISSN: 0002-953X abstract	1,4-33

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/013076**Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 17-33 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1, 4-33

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

International Application No. PCT/ EP2004/ 013076

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1,4-33

Compounds of formula (I) for use in the treatment of schizophrenic disorders.

2. claims: 1,2,4,5,7,8,11-14,17-26

Compounds of formula (II) for use in the treatment of schizophrenic disorders.

3. claims: 1,3-5,7,8,11-14,17-26

Compounds of formula (III) for use in the treatment of schizophrenic disorders.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PC EP2004/013076

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003130334	A1	10-07-2003	DE 10129328 A1	02-01-2003
			WO 02103971 A2	27-12-2002
			CA 2448025 A1	27-12-2002
			WO 02102297 A2	27-12-2002
			EP 1397145 A2	17-03-2004
			JP 2004534066 T	11-11-2004
			US 2004204469 A1	14-10-2004

WO 02096885	A	05-12-2002	BR 0209787 A	01-06-2004
			CA 2448192 A1	05-12-2002
			CN 1537104 A	13-10-2004
			CZ 20033204 A3	17-03-2004
			EP 1390351 A1	25-02-2004
			EP 1493735 A1	05-01-2005
			WO 02096885 A1	05-12-2002
			HU 0401280 A2	28-12-2004
			JP 2005511485 T	28-04-2005
			MX PA03010583 A	09-03-2004
			NO 20035206 A	24-11-2003
			NZ 529719 A	19-12-2003
			PL 366514 A1	07-02-2005
			US 2005032821 A1	10-02-2005
			ZA 200308826 A	14-02-2005